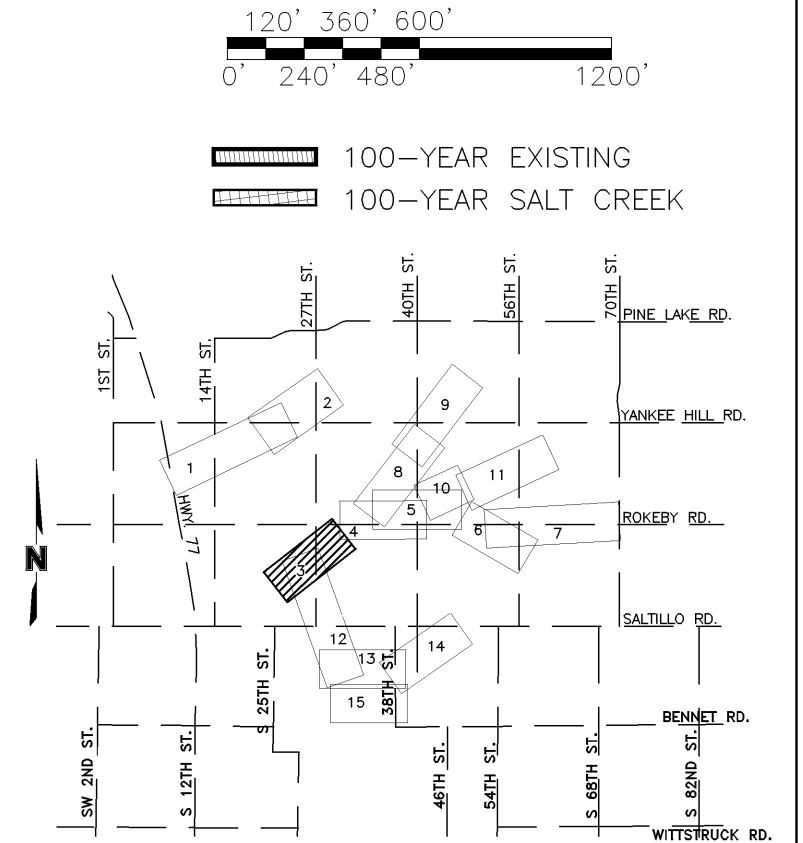
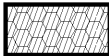


MASTER PLAN CONCEPT A












LOCATOR MAP

 Floodplain Land Rights Purchase from development between BNSF Railroad and Rokeby Road (51 AC U.S. 27th 50 AC. D.S. 27th, 90 AC total outside minimum flood corridor).

Provide pedestrian underpass at BNSF Railroad.

Rely on periodic maintenance for grade control at BNSF Railroad.









-  Construct water quality wetlands to treat tributary runoff (S-2E 6 AC).
-  Construct water quality wetlands for educational purposes (S-2B1 3 AC).
-  Construct water quality wetlands (S-2F2 4 AC).
-  Address stream stability with bioengineering approach (1000 LF of #1* D.S. 27th 1100 LF of #1* U.S. 27th).
-  Replace South 27th Street bridge, Q_{100} capacity (110' long deck).
-  Replace Rokeby Road bridge, Q_{100} capacity (95' long deck).
-  Install grade check near South 27th Street bridge.
-  Install grade check near Rokeby Road bridge.

 Provide 400-foot flood corridor (21 AC U.S. 27th, 8 AC D.S. 27th, 18 AC total outside minimum flood corridor).

Provide pedestrian underpass at BNSN Railroad.

Replace lost floodplain storage with regional detention, storage elsewhere in the watershed (ie: regional detention).

Rely on periodic maintenance for grade control at BNSF Railroad.

-  Construct water quality wetlands to treat tributary runoff (S-2E 6 AC).
-  Construct water quality wetlands for educational purposes (S-2B1 3 AC).
-  Construct water quality wetlands (S-2F2 4 AC).
-  Address stream stability with bioengineering approach (1000 LF of #3* D.S. 27th Street, 2700 LF of #3* U.S. 27th Street).
-  Replace South 27th Street bridge with Q_{100} capacity (110' long deck).
-  Replace Rokeby Road bridge with Q_{100} capacity (95' long deck).
-  Install grade check near South 27th Street bridge.
-  Install grade check near Rokeby Road bridge.

*Refer to Table MP-3 for Concept Number